

Operations - Regulatory (2010-05299-WMS)

MEMORANDUM FOR FILE

DATE: June 19, 2013

SUBJECT: Gogebic Taconite, LLC

1. OP-R (Sande, Smith, Nye) conducted a site visit on June 19, 2013, to review the location and extent of numerous wetlands and waterways relative to proposed exploration drilling sites, bulk sampling locations, and associated access roads. Also present was Keith Patrick (WDNR), Tim Myers (GTAC) and their wetland delineation consultant. Draft mapping materials were made available for our use during our field review but were retained by the company.

2. Numerous waterways and other geographic features were observed and briefly evaluated by following up-slope and down-slope from the forest road crossings. For jurisdictional determination purposes, some of the waterways would likely be considered RPWs, while some others would be considered non-RPWs. Other geographic features such as ditches, gullies and evidence of overland flow were also observed in numerous areas. Much additional information would need to be obtained to complete jurisdictional determinations.

4. It is anticipated that wetland delineation work by the company and their consultant would be completed in the near future. However, it is not clear at this time whether GTAC will request Corps concurrence with a wetland delineation report or whether any wetland areas are proposed to be impacted by filling, excavating, or grading activities triggering the need for a Department of the Army permit.

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